

What is claimed is:

1. A method of responding to at least one request for
secure communication, comprising:

receiving the request from a client computer system

5 intended for a server;

generating a response to the request sineprocessly;

and

providing the response to the client computer system
sineprocessly.

10 2. The method of claim 1 additionally comprising:

receiving from the client computer system a response
to the response provided; and

providing the request to a server responsive to the
receiving the response to the response step.

15 3. The method of claim 2:

wherein the providing a response step comprises
assigning a first identifier to the request; and

additionally comprising:

receiving from the server a response to the request

20 provided to the server, said response to the request

provided to the server comprising a second identifier; and

associating the first identifier with the second identifier.

4. The method of claim 3 additionally comprising:

receiving from the client computer system following

5 the receiving from the server step a first subsequent communication comprising the first identifier; and

providing to the server a second subsequent

communication comprising at least a portion of the first subsequent communication having the first identifier replaced with the second identifier.

10 5. The method of claim 4 wherein the providing to the server the second subsequent communication step is responsive to a first criteria corresponding to a second criteria of the server.

15 6. The method of claim 1 wherein the request comprises a client hello.

7. The method of claim 6 wherein the response comprises a server hello.

20 8. The method of claim 1 wherein at least one selected from the response and the request comprises a communication in at least one format selected from SSL and TLS.

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9. A system for responding to at least one request
for secure communication, comprising:

 a client communications receiver having an input for
 receiving the request from a client computer system
5 intended for a server, the client communications receiver
 for storing the request via an output;

 an option selection manager having an input coupled to
 the client communications receiver output, the option
 selection manager for sineprocessly generating and
10 providing at an output at least a portion of a response to
 the request; and

 a response manager having a first input coupled to the
 client communication receiver output for receiving at least
 a portion of the request and a second input coupled to the
15 option selection manager output for receiving the at least
 the portion of the response, the response manager for
 providing to the client computer system sineprocessly at
 least the portion of the response received at the second
 input.

20 10. The system of claim 9 additionally comprising:

 a premaster secret manager having an input for
 receiving from the client computer system a response to the
 response provided, the premaster secret manager for

providing at an output, responsive to the response to the response provided, at least one selected from an identifier of the request and the request; and

a client communication provider having an input

5 coupled to the premaster secret manager output for receiving the one selected from the identifier of the request and the request, the client communication provider for providing at an output coupled to the server the request.

10 11. The system of claim 10, additionally comprising:

a session manager having an input coupled to the client communications receiver output for receiving at least a portion of the request, the session manager for assigning a first identifier to the request and storing the assigned first identifier associated with the request via a first output; and

a response manager having an input operatively coupled for receiving from the server a response to the request provided to the server, said response to the request provided to the server comprising a second identifier, the response manager for associating via an output the first identifier with the second identifier.

12. The system of claim 11 wherein the session manager is additionally for:

receiving at the session manager input from the client computer system after the response is received from the server a subsequent communication comprising the first identifier; and

providing to the server via a second output a second subsequent communication comprising at least a portion of the first subsequent communication having the first identifier replaced with the second identifier.

13. The system of claim 12 wherein the session manager provides to the server the second subsequent communication responsive to a first criteria corresponding to a second criteria of the server.

15 14. The system of claim 9 wherein the request comprises a client hello.

15. The system of claim 14 wherein the response comprises a server hello.

16. The system of claim 9 wherein at least one selected from the response and the request comprises a communication in at least one format selected from SSL and TLS.

17. A computer program product comprising a computer
useable medium having computer readable program code
embodied therein for responding to at least one request for
secure communication, the computer program product
5 comprising computer readable program code devices
configured to cause at least one computer to:

receive the request from a client computer system
intended for a server;

10 generate a response to the request sineprocessly; and
provide the response to the client computer system
sineprocessly.

15 18. The computer program product of claim 17
additionally comprising computer readable program code
devices configured to cause the at least one computer to:

receive from the client computer system a response to
the response provided; and

provide the request to a server responsive to the
computer readable program code devices configured to cause
the at least one computer to receive the response to the
20 response.

19. The computer program product of claim 18:

wherein the computer readable program code devices
configured to cause the at least one computer to provide a
response comprise computer readable program code devices
configured to cause the at least one computer to assign a
5 first identifier to the request; and

additionally comprising computer readable program code
devices configured to cause the at least one computer to:

receive from the server a response to the request
provided to the server, said response to the request
10 provided to the server comprising a second identifier; and

associate the first identifier with the second
identifier.

20. The computer program product of claim 19
additionally comprising computer readable program code
15 devices configured to cause the at least one computer to:

receive from the client computer system following the
receiving from the server step a first subsequent
communication comprising the first identifier; and

provide to the server a second subsequent
20 communication comprising at least a portion of the first
subsequent communication having the first identifier
replaced with the second identifier.

21. The computer program product of claim 20 wherein
the computer readable program code devices configured to
cause the at least one computer to provide to the server
the second subsequent communication are responsive to a
5 first criteria corresponding to a second criteria of the
server.

22. The computer program product of claim 17 wherein
the request comprises a client hello.

23. The computer program product of claim 22 wherein
10 the response comprises a server hello.

24. The computer program product of claim 17 wherein
at least one selected from the response and the request
comprises a communication in at least one format selected
from SSL and TLS.